IN THE CLAIMS

Please amend the claims as follows:

Claims 1-22 (Canceled).

Claim 23 (Previously Presented): A device for receiving signals in a wireless cellular orthogonal frequency division multiplex (OFDM) system, in which data symbols are transmitted in frequency subcarriers and timeslots, comprising:

a channel estimator configured to perform a channel estimation on the basis of received pilot symbols; and

a filter configured to perform a channel estimation for data symbols between pilot symbols, said filter being selected from a set of filters based on an estimated carrier to interference ratio, said estimated carrier being a wanted carrier power value at a frequency subcarrier and a timeslot of a data symbol to be channel estimated, and said interference value is an interference reference value.

Claim 24 (Previously Presented): The device according to Claim 23, further comprising:

means for selecting said filter based on the estimated carrier to interference ratio at the frequency subcarrier and the timeslot of the data symbol to be channel estimated.

Claim 25 (Previously Presented): The device according to Claim 24, wherein, if said filter to be selected is to be a frequency filter, said means for selecting selects said filter based on a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

Claim 26 (Previously Presented): The device according to Claim 24, wherein, if said filter to be selected is to be a time filter, said means for selecting selects said filter based on a Doppler frequency of the estimated channel.

Claim 27 (Previously Presented): A method for channel estimation in a wireless cellular orthogonal frequency division multiplex (OFDM) system, in which data symbols are transmitted in frequency subcarriers and timeslots, comprising:

performing a channel estimation on the basis of received pilot symbols; and

performing, by a filter, a channel estimation for data symbols between pilot symbols, said filter being selected from a set of filters on the basis of an estimated carrier to interference ratio, the estimated carrier being a wanted carrier power value at a frequency subcarrier and a timeslot of a data symbol to be channel estimated, and said interference value is an interference reference value.

Claim 28 (Previously Presented): The method according to Claim 27, further comprising:

selecting the filter based on the estimated carrier to interference ratio at the frequency subcarrier and the timeslot of the data symbol to be channel estimated.

Claim 29 (Previously Presented): The method according to Claim 28, wherein, if said filter to be selected is a frequency filter, said filter is further selected on the basis of a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

Claim 30 (Previously Presented): The method according to Claim 28, wherein, if said filter to be selected is to be a time filter, said filter is further selected on the basis of a Doppler frequency of the estimated channel.

Claim 31 (New): The method according to Claim 27, wherein said filter is selected from among a set of filters based on the estimated carrier to interference ratio and a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

Claim 32 (New): The method according to Claim 27, wherein said filter is selected from among a set of filters based on the estimated carrier to interference ratio and a Doppler frequency of the data symbol to be channel estimated.

Claim 33 (New): The device according to Claim 24, wherein said filter is selected from among a set of filters based on the estimated carrier to interference ratio and a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

Claim 34 (New): The device according to Claim 24, wherein said filter is selected from among a set of filters based on the estimated carrier to interference ratio and a Doppler frequency of the data symbol to be channel estimated.